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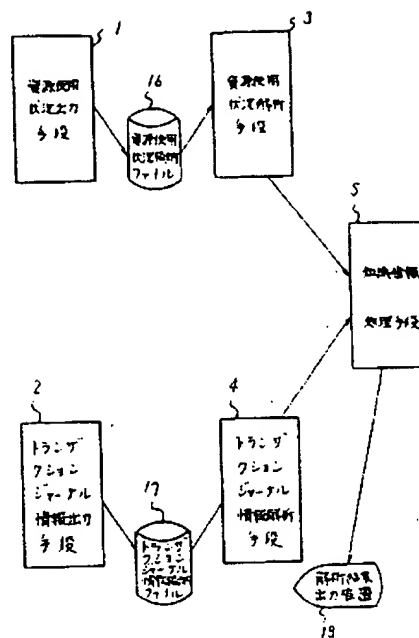PUBLICATION DATE : 12-12-88

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APPLICATION NUMBER : 62140817

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INVENTOR : MATSUO KENICHI;

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TITLE : AUTOMATIC ANALYZING SYSTEM FOR TRANSACTION PROCESSING PERFORMANCE

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ABSTRACT : PURPOSE: To carry out the automatic analysis of the transaction processing performance at an optional time point by performing a coupled analyzing action between a journal data analyzing means and a processing means which points out the mooted points based on the analysis information.

CONSTITUTION: A transaction journal information analyzing means 4 reads the journal record out of a transaction journal information storing file 17 and calculates the mean execution lapse time for each transaction. In addition, the means 4 calculates the mean execution CPU time for each transaction and then the page allocation and data base I/O frequencies to deliver these calculation results to a knowledge information processing means 5 together with said mean execution lapse time. The means 5 holds previously the knowledge of analysis of the transaction processing performance and analyzes the transaction processing performance based on the input data to output the result of this analysis to an analyzing result output device 18. Thus the transaction processing performance is automatically analyzed at an optional time point.